ally your forces with experience

avionic systems

For a wide variety of combat aircraft, Elbit has produced generations of Weapon Delivery and Navigation Systems (WDNS), airborne displays, and other avionics systems, with full ground support. Proven in extensive and successful combat, they increase accuracy and survivability. While cutting costs and pilot load, they enhance reliability and effectiveness.

In 1971, Elbit manufactured its first WDNS, under license, for the A-4 Skyhawk. The company later adapted it to the Israeli-built Kfir, and integrated an air-to-air "hot line" gunnery mode and an ability to handle additional weapons. Further improvements were made in navigation, accuracy, and short alignment.

In 1977, as the partner of an American firm, Elbit updated the Israeli F-4E and RF-4E by participating in systems specifications, development, manufacturing, and flight tests of a second-generation WDNS. Half of the LRU's were developed by Elbit.

A third generation, System 82, fully developed by Elbit, integrates a sophisticated Fire Control Computer, Multi-Functional Display, smart weapon handling, and Programmable Stores Management System, which replaces numerous switches and selectors for improved human engineering and decreased pilot workload.

The WDNS is supported by a full range of automatic computer-controlled ground equipment for testing, simulation, and performance analysis. Depot-level maintenance, training, spares, and software modifications have been supplied to the Israeli Air Force for over a decade.

To accomodate market demand for a simplified system, Elbit has developed the Low Cost Weapon Delivery System (LCWDS), with a digital computer and Head-Up display, for advanced trainers, interceptors, and light attack-aircraft.

Success in avionics has led Elbit to design and produce a family of Digital Data Communication Systems for both ground and airborne use.

All Israeli Skyhawks, Phantoms, and Kfirs are now equipped with Elbit systems. The company has a major role in the design and development of the avionics systems of Israel's new combat aircraft, the Lavi. Elbit is a qualified avionics subcontractor and vendor to major American aerospace companies, and its own systems are marketed worldwide.

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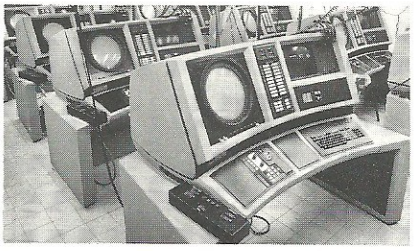
ALLY YOUR FORCES WITH EXPERIENCE

Ally your ground, air and naval forces with Elbit total system capability.

A capability which combines con-
-tinuous combat feedback with the most advanced technology. To produce state—of—the—art systems for the fundamentals of defence. Training. Weapon deli-
-very. Tactical control.

Elbit systems reduce the cost of your training programs.

With centers such as the Naval Tactical Training Center. Based on the most broad—ranging naval



combat experience, this center achieves superb realism. And it expands to meet your future requ-
-irements and facilities.

Elbit weapon delivery systems are designed for retrofit programs.

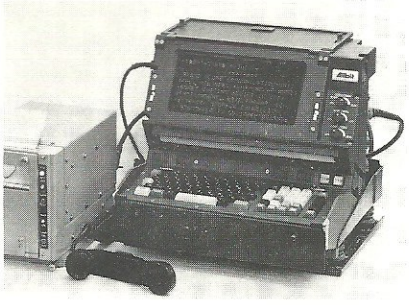
The weapon delivery, air navigat-
-ion and stores management Sys-
-tem 82 is your ideal aircraft retro-
-fit choice. The latest generation of the system which scored so spectacularly in the Kfir C—2, the System 82 is even more accurate and versatile.

For your MBT fleet the Elbit digital fire control system can considera
-bly increase first—round hit probability.
Designed for the Merkava, this system has already been adapted to several other MBT models.

All Elbit systems are supported by test, simulation and analysis equipment.

Upgrade your command, control and communications performance.

With the fully operational Elbit ra-
-nge: the naval tactical command, control and communications sys-
-tem...the SACU(Stand—Alone Communications Unit) with digital communications capabilities for all forces in every combat situation ...airborne, shipborne and ground



antennas in ranges from HF to K band...and modular combat prov-
-en E.S.M./ELINT systems.

Learn more about Elbit's training, combat and tactical control systems.

For your air force: A/G and A/A weapon delivery and navigation systems supported by automatic test equipment. For your naval forces: tactical training centers, tactical command, control and communication systems, E.S.M. /ELINT systems. For your ground forces: tank fire control systems. For all your forces: data commu-
-nication , antennas.
Combine the basics of effective defence. They are the elements of combat superiority. Ally your forces with Elbit.

Elbit

Experience you can't miss with.

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NEWS BULLETIN

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ELBIT AVIONIC SYSTEMS

ELBIT AVIONICS SYSTEMS, all proven extensively and successfully in combat.

All Israeli Skyhawks, Phantoms, and Kfirs are now equipped with ELBIT systems.

Over 10 Years Experience
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The WDNS is supported by a full range of automatic computer-controlled ground equipment for testing, simulation, and performance analysis. Depot-level maintenance, training, spares, and software modifications have been supplied to the Israeli Air Force for over a decade.

American Joint Venture
In 1977, in a joint venture with an American firm, ELBIT updated the Israeli F-4E and RF-4E with the Jason system, an advanced WDNS. The Jason performed extremely well in combat, providing flexible, accurate weapon delivery and navigation with very high field reliability.

Third Generation – System 82
A third generation, System 82, fully developed by ELBIT under subcontract to Israel Aircraft Industries (I.A.I.), integrates a sophisticated WDNS with an advanced Stores Management System. System 82 is based on state-of-the-art technology. It utilizes modern concepts of human engineering, and its operation is based on the HOTAS (Hands On Throttle and Stick) principle.

System 82 in Serial Production
System 82 was designed for the improved Kfir, and has successfully passed flight tests. The system has subsequently entered serial production.

ELBIT Meets Market Demand with Low Cost System
To accomodate market demand for a simplified system, ELBIT has developed the Low Cost Weapon Delivery System (LCWDS), with a digital computer and Head-Up display, for advanced trainers, interceptors, and light attack aircraft.

ELBIT has Major Role in the Lavi
ELBIT has a major role in the design and development of the avionics systems of Israel's new combat aircraft, the Lavi. All Israeli Skyhawks, Phantoms, and Kfirs are now equipped with ELBIT systems, making ELBIT the logical choice for future development projects.

ELBIT is a Qualified Subcontractor as well as Marketer of its Own Systems Worldwide
ELBIT is a qualified avionics subcontractor and vendor to major American aerospace companies, and its own systems are marketed worldwide.

ELBIT Systems Available for a Wide Variety of Combat Aircraft
ELBIT has produced numerous generations of WDNS airborne computers and displays, Stores Management Systems, and other avionics systems, all proven extensively and successfully in combat.

April 1983

Elbit Weapon Delivery and Navigation System Inside the "Kfir C-2" Cockpit